

## **ABSTRACT OF THE INVENTION**

The invention generally relates to image processing and, more particularly, to display order of video object planes (VOPs) of images. The method according to a preferred embodiment of the invention primarily comprises the steps of arranging a  
5 first queue of a plurality of cells with a first order, providing a second queue of a single cell storing an order number, decoding the incoming video object planes (VOPs), determining whether the incoming VOPs are intra coded (I-VOPs), determining whether the incoming VOPs are predictive coded (P-VOPs), determining whether the incoming VOPs are bidirectional predictive coded  
10 (B-VOPs), and registering one of the plurality of cells of the first queue with a VOP incoming order for the incoming VOPs that are I-VOPs or B-VOPs.